

Notice of Allowability

Application No.

10/067,959

Applicant(s)

WISE ET AL.

Examiner

Belix M. Ortiz

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/9/2005.
2. ☒ The allowed claim(s) is/are 1,3,4,6-17,19-22,25-31,39,41-44,46,48-50 and 53.
3. ☒ The drawings filed on 05 February 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |



CHARLES RONES
PRIMARY EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT

1. The following is an Examiner's statement of reasons for the indication of allowable subject matter: The prior art of record does not disclose, make obvious, or otherwise suggest the structure of the applicant's prediction program, prediction apparatus, and prediction method together with the other limitations of the independent claims.

The dependent claims being further limiting and definite are also allowable. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

AMENDMENT TO THE CLAIMS:

Claim 17 has been amended.

Claims 1, 3-4, 6-17, 19-22, 25-31, 39, 41-44, 46, 48-50, and 53 remain pending in the application.

WHAT IS CLAIMED IS:

17. (Currently Amended) A computer-implemented method of cross referencing a relational database with a hierarchical database comprising the steps of:

creating a definitional document, said document containing a data dictionary assigning numeric address information consistent with the subject matter of the database;

loading a definitional document into a standard database format;
accessing data from the definitional document for a programming
language; and
writing said data to a database table consistent with the definitions set
forth in said definitional document;
wherein said definitional document comprises a set of real estate
descriptive definitions ordered hierarchically to define a plurality of records in
at least three levels of priority, wherein a highest level record sets forth
property descriptive information, a second highest level record sets forth
structure descriptive information and depends logically from at least one of
said highest level records, and a third highest level record sets forth room
descriptive information and depends logically from at least one of said
second highest level records. [[.]]

Reasons for Allowance

2. Claims 1, 3-4, 6-17, 19-22, 25-31, 39, 41-44, 46, 48-50, and 53 are allowed.
3. The following is a statement of reasons for the indication of allowable subject
matter: the prior arts of records, neither anticipates nor renders obvious the
following limitations as claimed:

As to claims 1, 39, 46, and 53, the prior art of records fail to anticipate
or suggest a computer-implemented method and system of managing listing

information, relating to at least one property, for a real estate database, the method comprising:

- providing a highest level record defined within said table descriptive of a property attribute;

- providing a second highest level record defined within said table containing a plurality of attributes depending from said property attribute of said highest level record, said attributes being descriptive of a structure; and

- for each given record of said plurality of records other than ones having said highest level, the semantic meaning of said descriptor is based on a set of records in said table semantically above said given record; and
- providing a third highest level record defined within said table containing a plurality of attributes depending from said structure attributed of said second highest level record, said attributes being descriptive of a room attribute
- providing a highest level record in said table, together with the other limitations of the dependent claims.

As to claim 17, the prior art of records fail to anticipate or suggest wherein said definitional document comprises a set of real estate descriptive definitions ordered hierarchically to define a plurality of records in at least three levels of priority, wherein a highest level record sets forth property descriptive information, a second highest level record sets forth structure descriptive information and depends logically from at least one of said highest

level records, and a third highest level record sets forth room descriptive information and depends logically from at least one of said second highest level records, together with the other limitations of the dependent claims.

As to claim 25, the prior art of records fail to anticipate or suggest displaying a prompt to identify a new real estate related listing responsive to user's selection to enter a new listing and, displaying a plurality of first level categories descriptive of a property associated with said listing from which the user may select for entering into a listing data set;

displaying a plurality of second level categories descriptive of one or more structures disposed on said property, if one of said first level categories is selected, and if an item is selected from second level categories,

displaying at least one of third level categories descriptive of one or more rooms within said structure or structures in the second level category;

displaying at least one subcategory descriptive of an item disposed within said one or more rooms to associate with the preceding level category up to a fifth level category, together with the other limitations of the dependent claims.

As to claim 28, the prior art of records fail to anticipate or suggest displaying a prompt to identify a new real estate related listing responsive to

user's selection to enter a new listing and, displaying a plurality of first level categories descriptive of a property associated with said listing from which the user may select for entering into a record;

a plurality of second level categories descriptive of one or more structures disposed on said property, if one of said first level categories is selected, and if an item is selected from second level categories,

at least one third level category descriptive of one or rooms within said structure or structures in one of the second level categories;

at least one subcategory descriptive of an item disposed within said one or more rooms to associate with the each higher level category up to a fifth level category;

each of said categories at every level being hierarchically defined in relation to the next higher level;

means for repeating the selection steps as desired to collect a set of selections that comprise a substantially complete set of descriptors of an associated property listing, together with the other limitations of the dependent claims.

Conclusion


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Belix M. Ortiz whose telephone number is (571)-272-4081. The examiner can normally be reached on Monday-Friday 9am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on (571)-272-4083. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

bmo

March 17, 2005


CHARLES RONES
PRIMARY EXAMINER